

FIG. 1

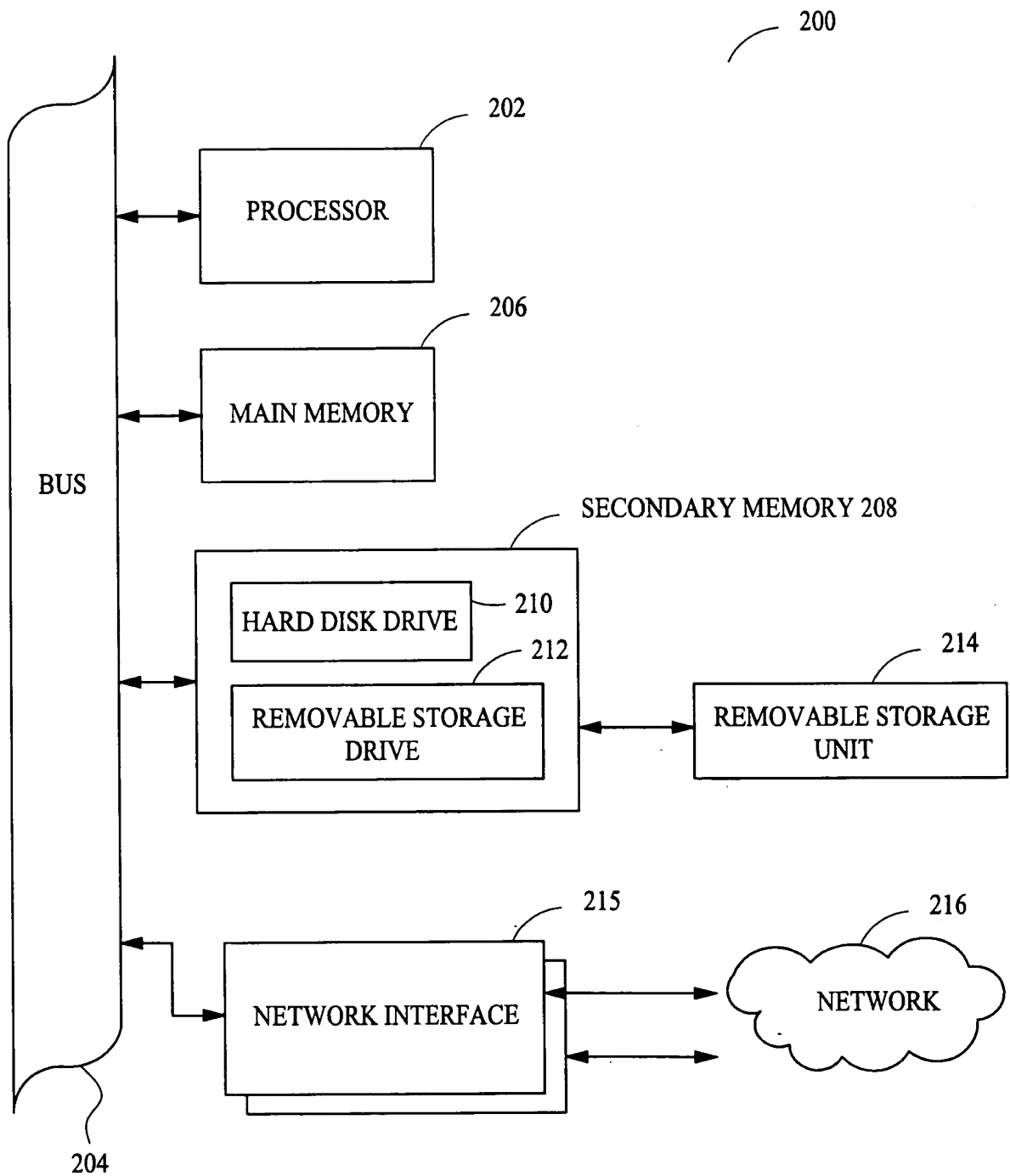


FIG. 2

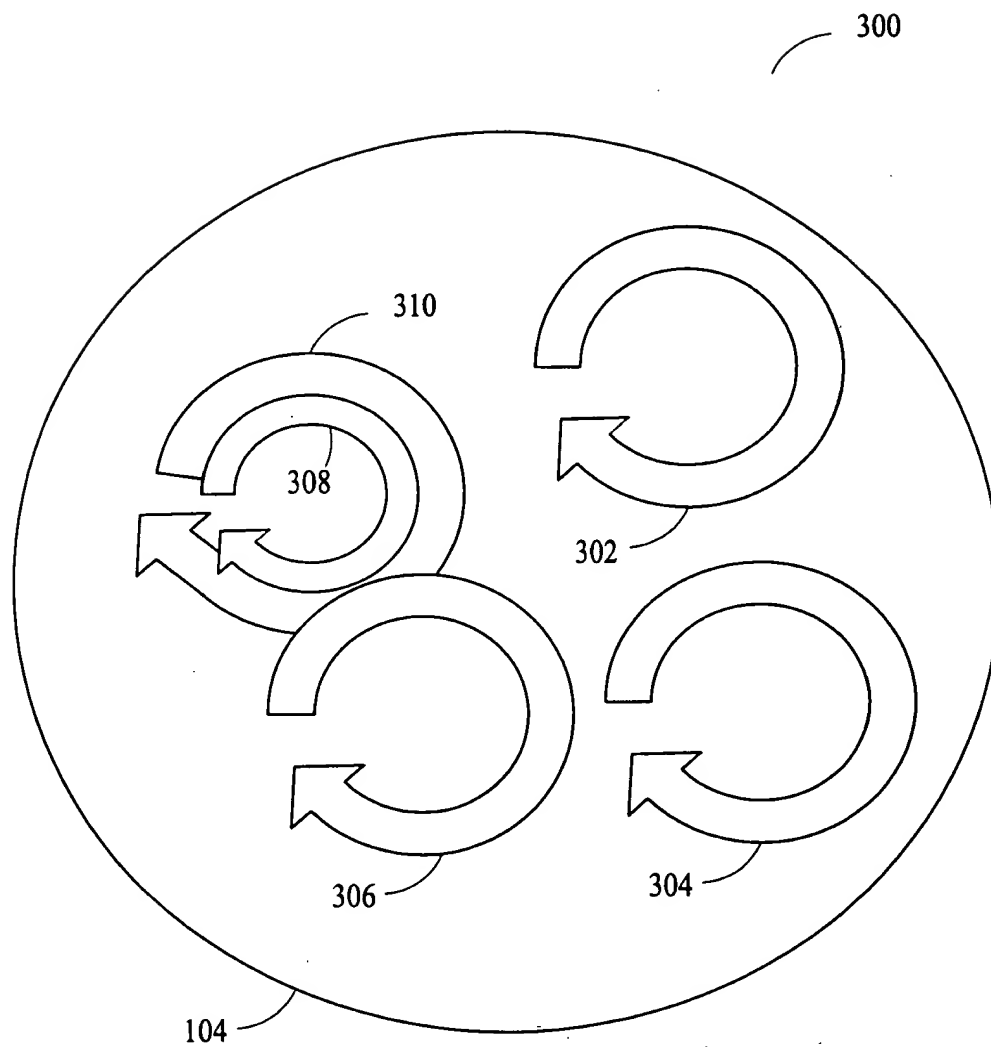


FIG. 3

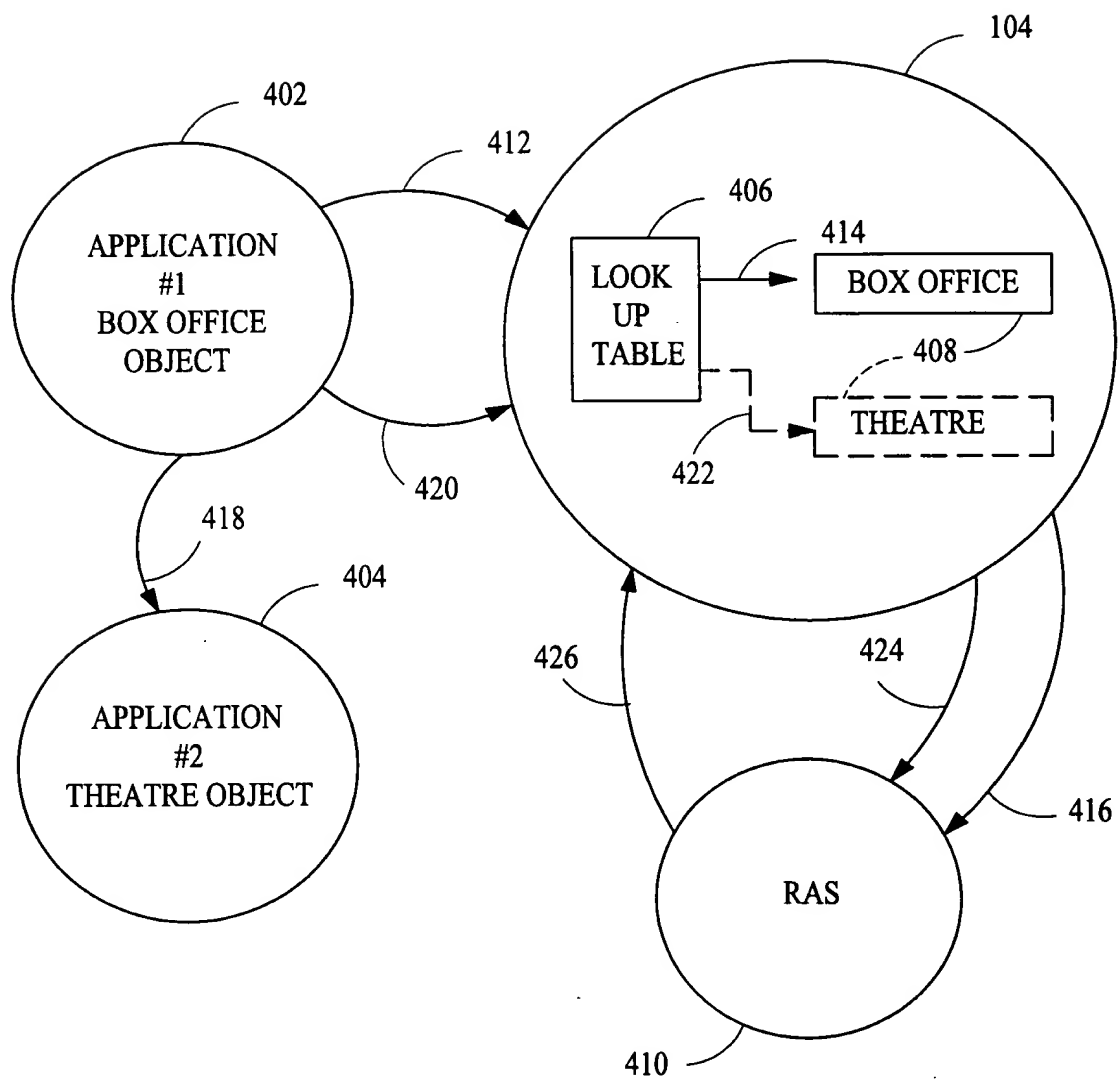


FIG. 4

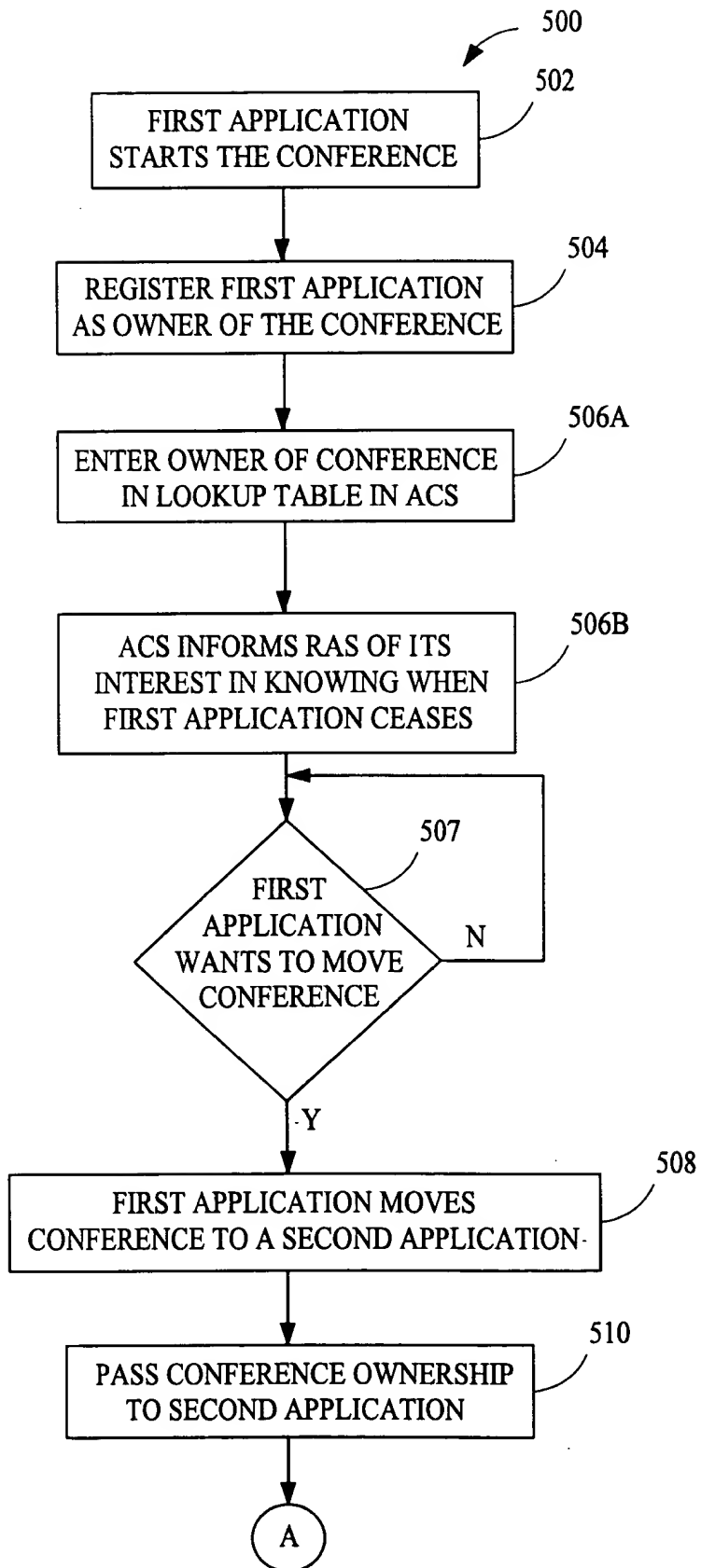


FIG. 5A

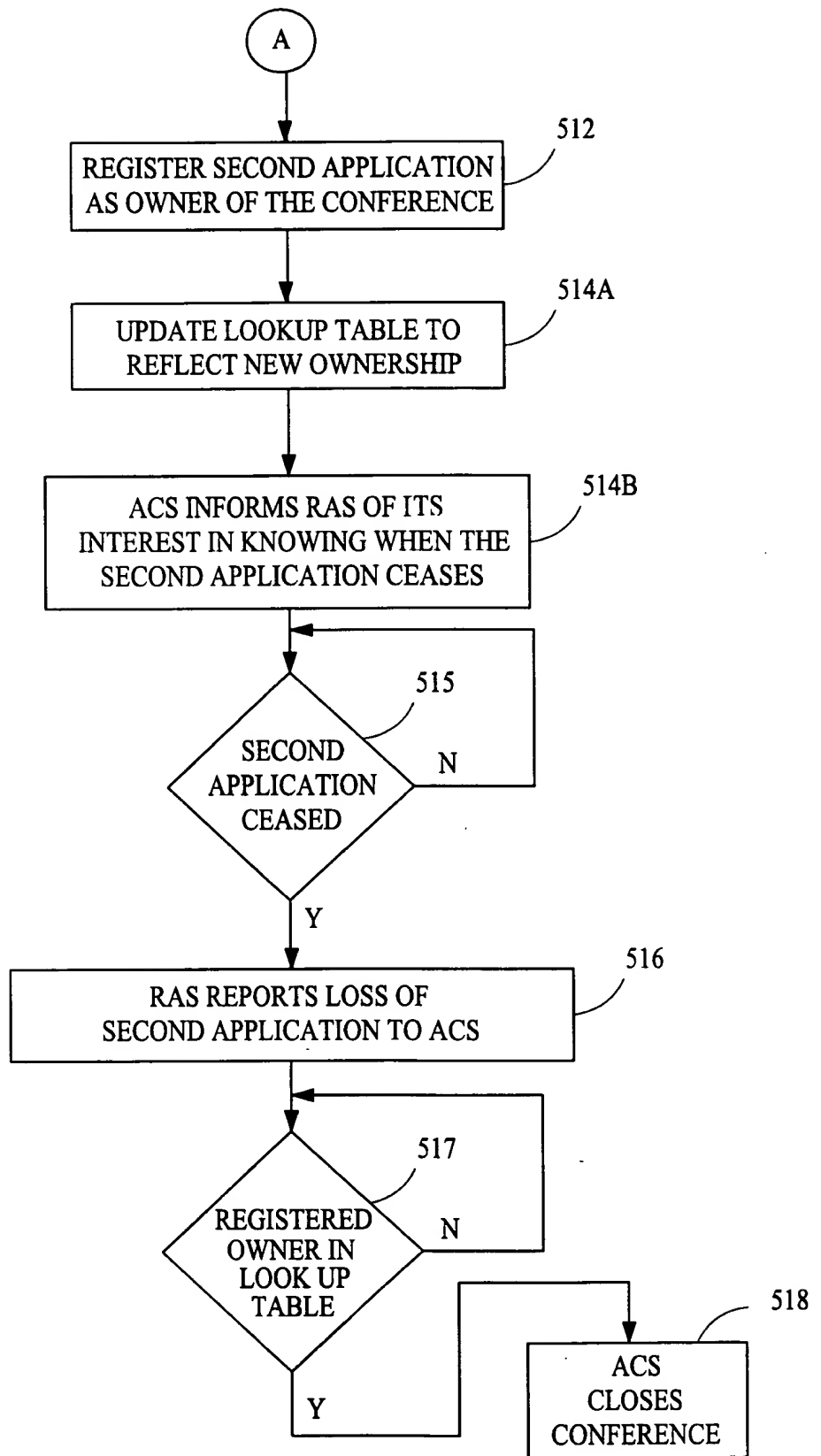


FIG. 5B

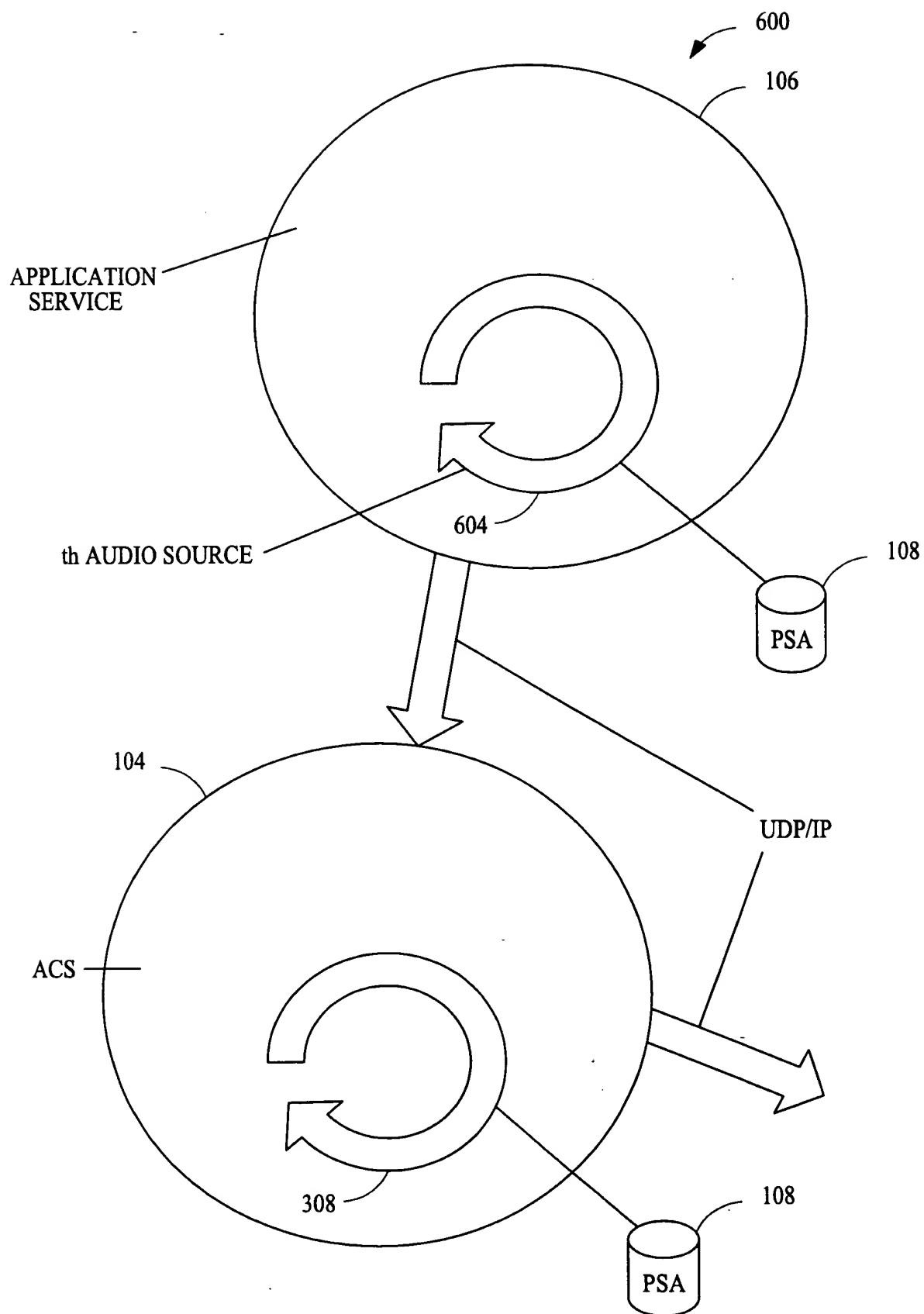


FIG. 6

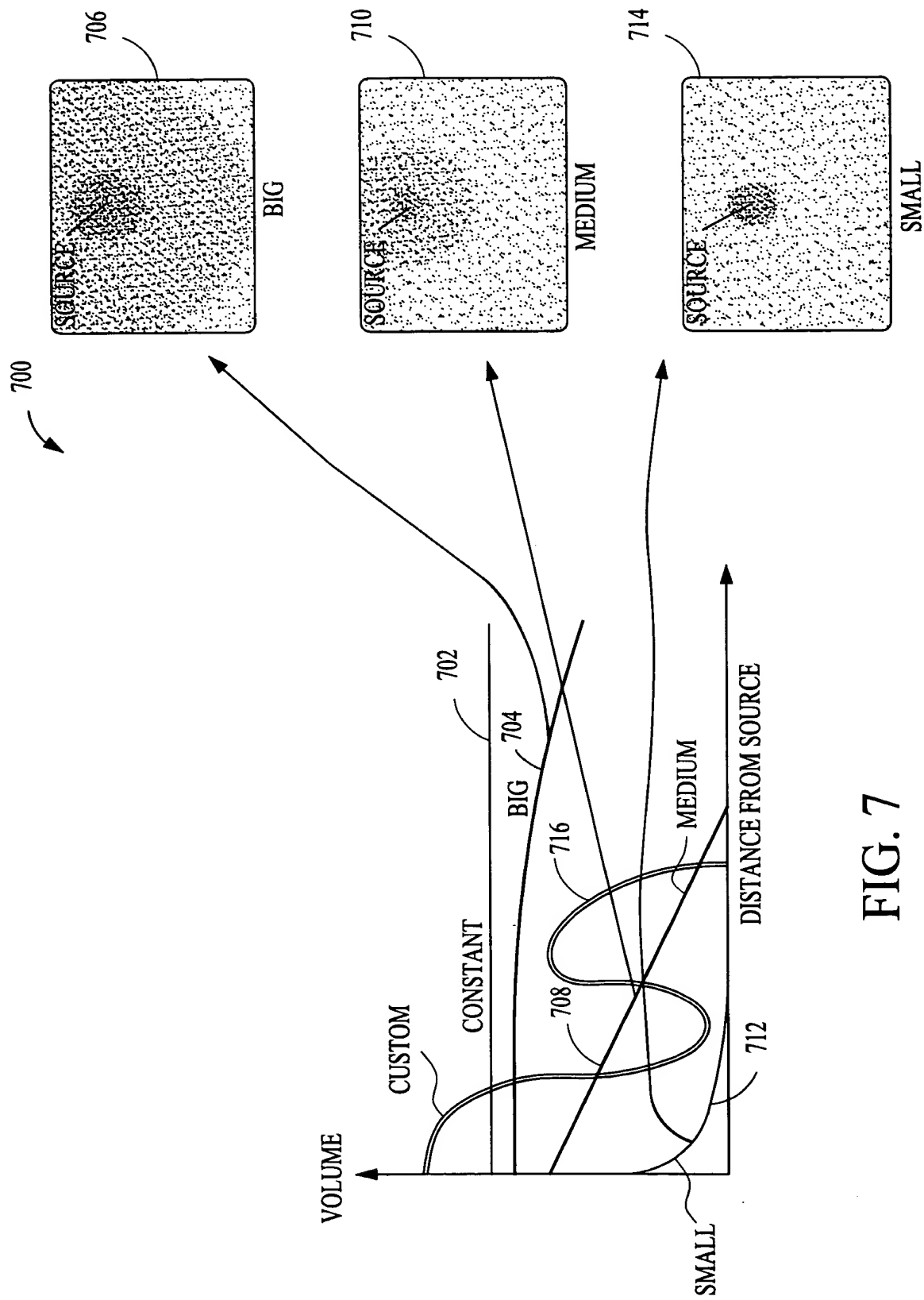


FIG. 7



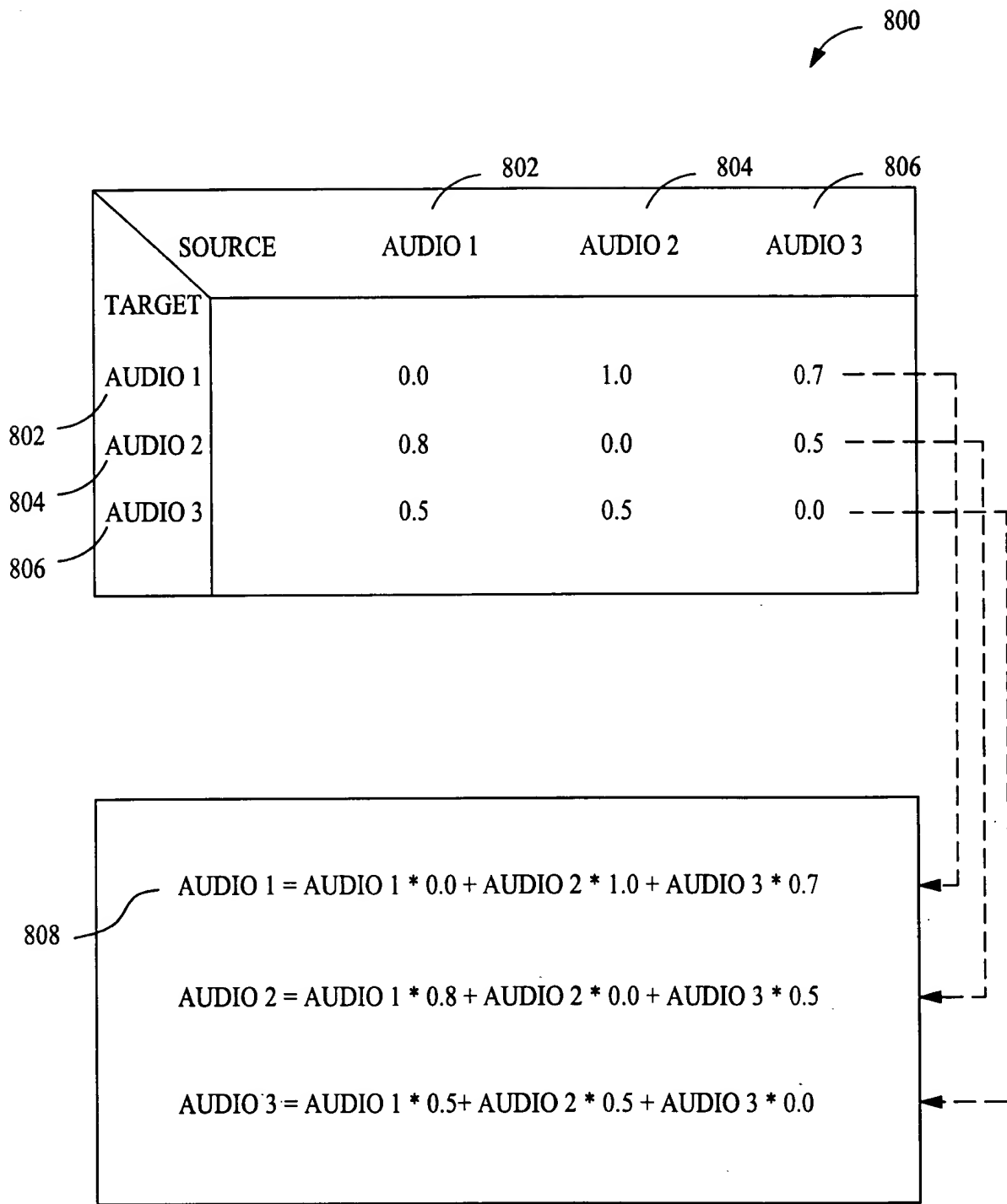


FIG. 8

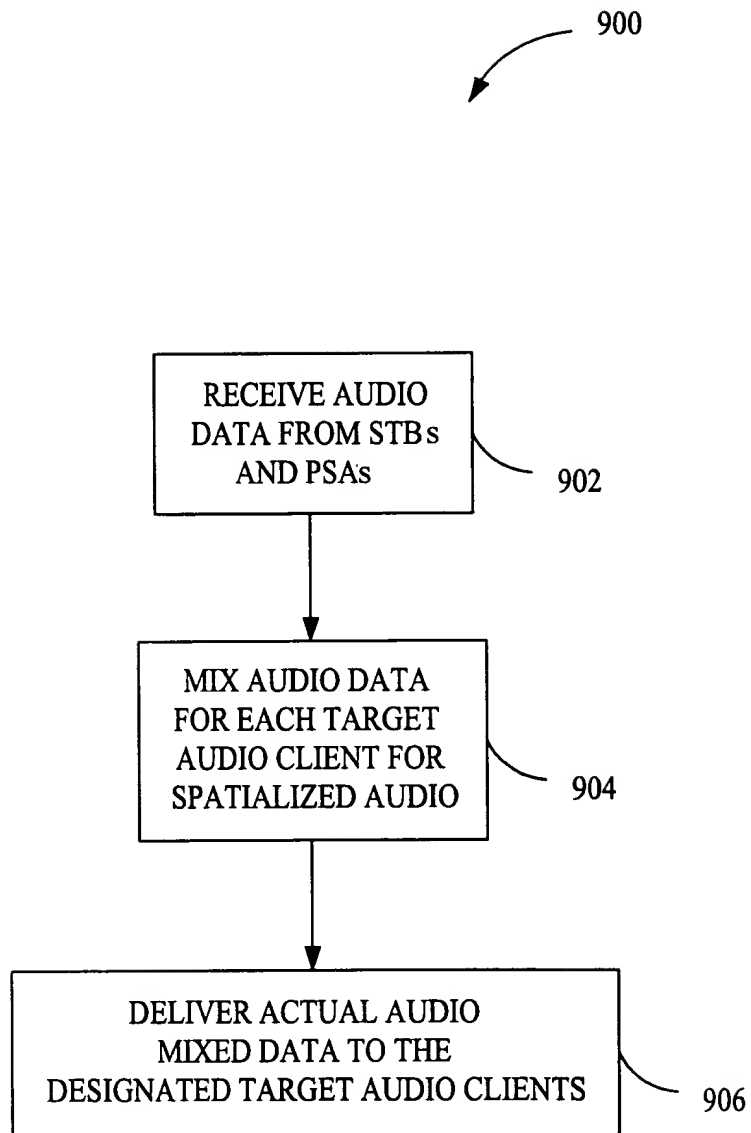


FIG. 9A

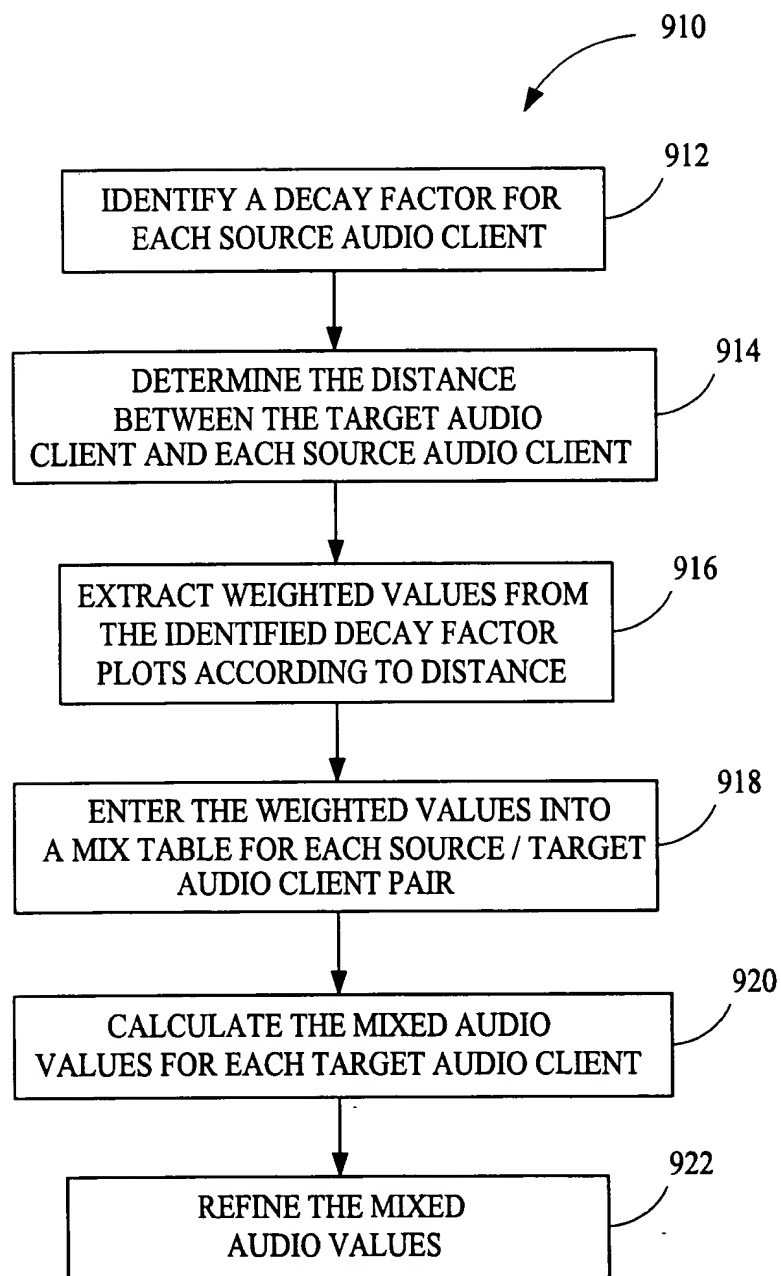


FIG. 9B

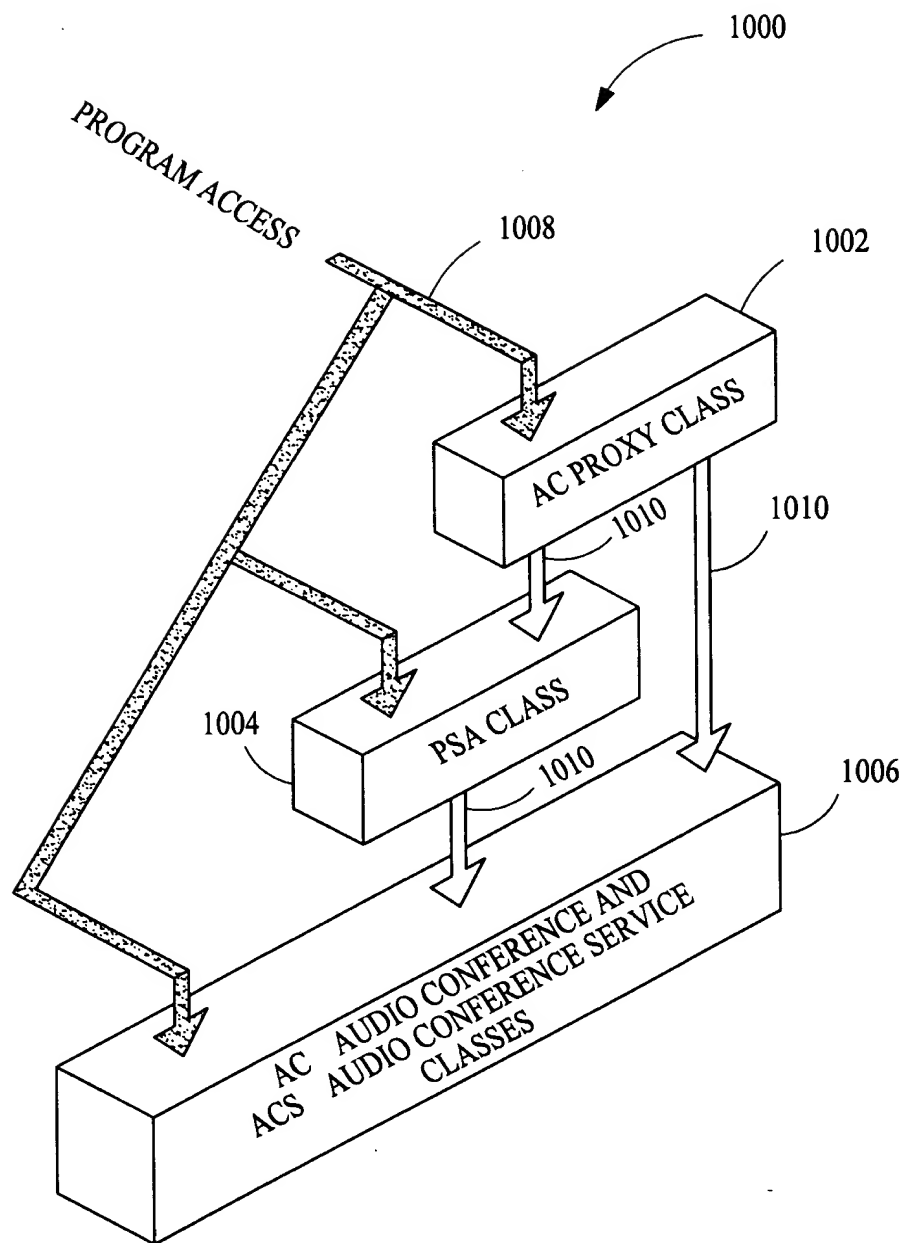


FIG. 10

# ACPROXY CLASS METHODS ~ 1100

METHOD	DESCRIPTION
1102 ACPROXY()	OPENS THE AUDIO CONFERENCE.
1104 ~ACPROXY()	CLEANS UP AND CLOSSES THE AUDIO CONFERENCE.
1106 ADDCLIENT()	ADDS SET TOP AUDIO CLIENT TO THE AUDIO CONFERENCE.
1108 ADDPSA()	ADDS A PSA AUDIO CLIENT TO THE CONFERENCE.
1110 AUDIOS()	LISTS AUDIO CLIENT IDS IN THE CONFERENCE
1112 DEMUTEAUDIO()	ENABLES AUDIO OF THE PSA.
1114 GETAUDIOLOCATION()	LOCATES X, Y COORDINATES OF AN AUDIO CLIENT.
1116 GETCONFINFO()	RETRIEVES AUDIO CONFERENCE INFORMATION.
1118 MOVEAUDIO()	MOVES AUDIO SOURCE TO A SPECIFIED LOCATION.
1120 MUTEAUDIO()	DISABLES AUDIO OF THE PSA.
1122 REGISTEROWNER()	TRANSFER OWNER OF THE AUDIO CONFERENCE USING THE OBJECT REFERENCE.
1124 REGISTEROWNERBYNAME()	TRANSFER OWNER OF THE AUDIO CONFERENCE USING THE NAME OF THE APPLICATION AS EXPORTED BY THE NAME SPACE.
1126 REMOVEAUDIO()	REMOVES THE AUDIO CLIENT.
1128 UNREGISTEROWNER()	REMOVES PREVIOUS OWNERSHIP OF THE AUDIO CONFERENCE.

FIG. 11

POINTSOURCEAUDIO CLASS METHODS ~ 1200

	METHOD	DESCRIPTION
1202	POINTSOURCEAUDIO()	CLASS CONSTRUCTOR. INSTANTIATES A PSA OBJECT.
1204	~POINTSOURCEAUDIO()	CLEANS UP RESOURCES, CLOSES THE DEVICE USED BY A PSA.
1206	PLAY()	PLAYS THE AUDIO SOURCE.
1208	STOP()	STOPS PLAYING THE AUDIO SOURCE.
1210	PAUSE()	PAUSES THE PLAYING OF THE AUDIO SOURCE.
1212	RESUME()	RESUMES PLAYING THE AUDIO SOURCE.

FIG. 12

THE ACS :: AUDIO CONFERENCE SERVICE METHODS ~ 1300

	METHOD	DISCRIPTION
1302	OPENCONFERENCE()	--- CREATES AN AUDIO CONFERENCE.
1304	CLOSECONFERENCE()	--- CLOSES AN AUDIO CONFERENCE.
1306	GETCONFERENCEBYTICKET()	--- FINDS THE CONFERENCE NAME GIVEN THE TICKET NUMBER.
1308	LISTCONFERENCE()	--- RETURNS A SEQUENCE OF CONFERENCE OBJECTS.
1310	HCTAUDIOSTAT()	--- FINDS INFORMATION ABOUT A SET - TOP AUDIO CLIENT.

FIG. 13

1400

# THE ACS :: AUDIO CONFERENCE METHODS

METHOD	DESCRIPTION
1402 NEWAUDIO()---	CREATES AN AUDIO CLIENT FOR A GIVEN SET - TOP BOX.
1404 DELETEAUDIO()---	DELETES AN AUDIO CLIENT.
1406 REGISTEROWNER()---	REGISTERS CONFERENCE OWNER BY OBJECT REFERENCE.
1408 REGISTEROWNERBYNAME()---	REGISTERS CONFERENCE OWNER BY EXPORT NAME.
1410 UNREGISTEROWNER()---	REMOVES A REGISTERED CONFERENCE OWNER.
1412 SETMIXONE()---	SETS THE VOLUME OF THE CONVERSATION BETWEEN TWO AUDIO CLIENTS.
1414 SETMIX()---	SETS THE VOLUME OF THE CONVERSATION BETWEEN MANY AUDIO CLIENT PAIRS.
1416 GETMIXONE()---	RETURNS THE VOLUME SETTING BETWEEN TWO AUDIO CLIENT PAIRS.
1418 GETMIX()---	RETURNS THE VOLUME SETTINGS BETWEEN MANY AUDIO CLIENT PAIRS.
1420 SETTIMEOUT()---	SETS A NUMBER OF SECONDS OF INACTIVITY, AFTER WHICH THE CONFERENCE IS CLOSED AUTOMATICALLY. IT CAN BE SET TO NEVER CLOSE.
1422 GETTIMEOUT()---	FINDS THE LENGTH IN SECONDS OF THE TIMEOUT.
1424 AUDIOIDS()---	GETS A LIST OF AUDIO ID s IN A CONFERENCE.
1426 AUDIOSTAT()---	GETS INFORMATION ABOUT AN AUDIO CLIENT GIVEN THE AUDIO ID.
1428 CONFSTAT()---	GETS INFORMATION ABOUT AN AUDIO CONFERENCE.
1430 HCTAUDIOSTAT()---	GETS INFORMATION ABOUT AN AUDIO CLIENT GIVEN THE SET -TOP ID.
1432 PING()---	PINGS A GIVEN AUDIO CONFERENCE AND RETURNS AN EXCEPTION IF THE CONFERENCE DOESN'T EXIST.

FIG. 14



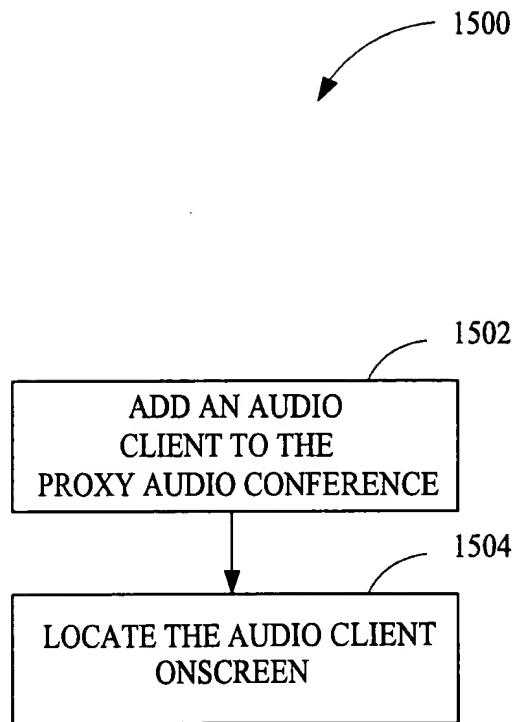


FIG. 15

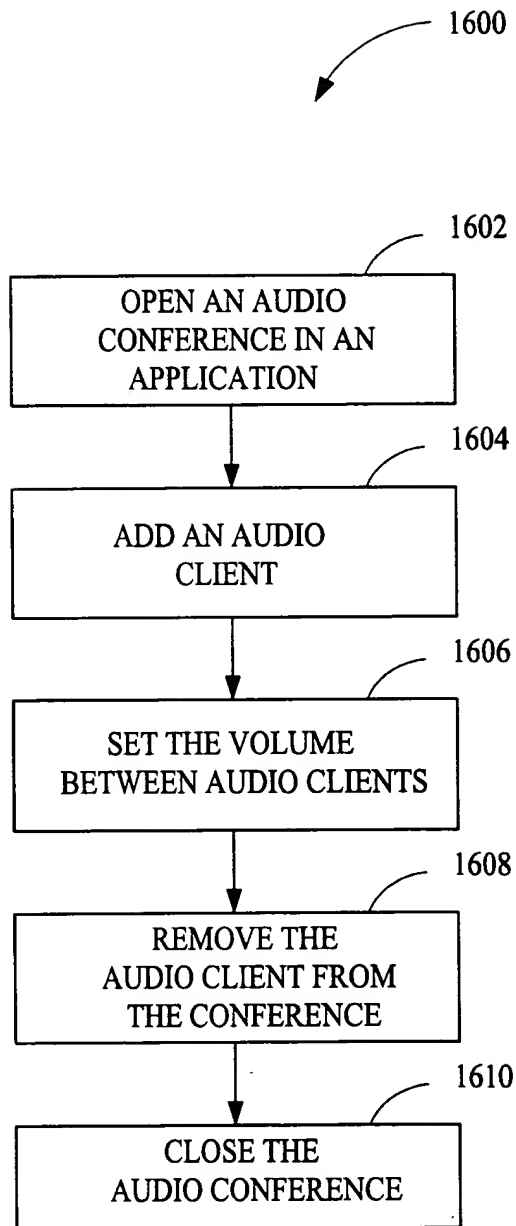


FIG. 16